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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	107716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3746
				Examiner Name	
Sheet	1	of	16	Attorney Docket Number	,0145.001

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		864,017		Miller	08-20-1907	
		886,274		Tate	04-28-1908	
		1,013,907		Taylor	01-09-1912	
		1,227,275		Kraus	05-22-1917	
		1,372,121		Davis	03-22-1921	
		1,820,755		McMullen	08-25-1931	
		1,828,784		Perrin	10-27-1931	
		2,004,317		Forster	06-11-1935	
		2,033,010		Russell	03-03-1936	
		2,078,956		Lysholm	05-04-1937	
		2,168,313		Bichowsky	08-08-1939	
		2,218,281		Ridder	10-15-1940	
		2,359,108		Hoskins	09-26-1944	
		2,368,827		Hanson	02-06-1945	
		2,374,710		Smith	05-01-1945	
		2,417,835		Moore	03-25-1947	
		2,428,136		Barr	09-30-1947	
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		2,476,031		Farkas	07-12-1949	
		2,478,682		Blackwood	08-09-1949	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
L.C.		GB	6394		Smith	05-28-1898		
		FR	350,612		Braun	01-07-1905		
L.C.		GB	140,516		Torazzi	03-23-1920		
L.C.		GB	271,706		Schmid	05-26-1927		
		DE	1,301,821		Fabian	08-28-1969		
		DE	2,933,932		Sternfeld	12-09-1982		
		DE	3,122,338		Rohatscheek	05-19-1983		
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		EP	0,197,555		Ramsaier	04-09-1986		
		DE	3,512,947		Ramsaier	10-16-1986		

Examiner Signature	<i>[Signature]</i>	Date Considered	10/1/04
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Sheet	2	of	16	Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITEHI, Fermin
				Group Art Unit	3746
				Examiner Name	
				Attorney Docket Number	.0145.001

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		Number	Kind Code ² (if known)			
		2,487,435		Goddard	11-08-1949	
		2,523,656		Goddard	09-26-1950	
		2,547,093		Ray	04-03-1951	
		2,563,028		Goddard	08-07-1951	
		2,568,787		Bosch	09-25-1951	
		2,582,938		Eastman	01-15-1952	
		2,605,610		Hermitte	08-05-1952	
		2,621,475		Loy	12-16-1952	
		2,636,345		Zoller	04-28-1953	
		2,654,217		Rettaliata	10-06-1953	
		2,656,677		Peterson	10-27-1953	
		2,662,373		Sherry	12-15-1953	
		2,678,531		Miller	05-18-1954	
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		2,697,482		Blizard	12-21-1954	
		2,717,491		Barr	09-13-1955	
		2,722,100		Goddard	11-01-1955	
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		2,770,097		Walker	11-13-1956	
		2,832,194		Kuhner	04-29-1958	

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		EP	0413199		Siemens	02-20-1991		
44		JP	WO 91/02886		Muraki	03-07-1991		
		EP	0546501		Drnevich	06-16-1993		
		US	WO 94/10427		Ginter	05-11-1994		
		EP	06318464		Hiroshi	11-15-1994		
		EP	0634562		Scharpf	01-18-1995		
		US	WO 96/07024		Beichel	03-07-1996		
		US	WO 97/44574		Collin	11-27-1997		
V		US	WO 99/22127		Beichel	05-06-1999		
		US	WO 99/63210		Ursin	12-09-1999		

Examiner Signature <i>S. L. Carayola</i>	Date Considered <i>12/1/04</i>
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				Attorney Docket Number	,0145,001
Sheet	3	of	16		

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		Number	Kind Code ² (If known)			
		2,869,324		Foote	01-20-1959	
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		2,916,877		Walter	12-15-1959	
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		3,134,228		Wolansky	05-26-1964	
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		3,302,596		Zinn	02-07-1967	
		3,315,467		DeWitt	04-25-1967	
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		3,359,723		Bohensky	12-26-1967	
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		3,459,953		Hughes	08-05-1969	
		3,559,402		Stone	02-02-1971	

[illegible]

Examiner Signature	<i>L. H. Casaregola</i>	Date Considered	10/11/04
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Sheet	4	of	16		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		3,574,507		Kydd	04-13-1971	
		3,608,529		Smith	09-28-1971	
		3,649,469		MacBeth	03-14-1972	
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		3,779,212		Wagner	12-18-1973	
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		3,826,080		DeCorso	07-30-1974	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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				Group Art Unit	3746
				Examiner Name	
Sheet	6	of	16	Attorney Docket Number	,0145.001

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		Number	Kind Code ² (if known)			
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		4,313,300		Wilkes	02-02-1982	
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		4,465,023		Wagner	08-14-1984	
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		4,499,721		Cheng	02-19-1985	
		4,509,324		Urbach	04-09-1985	
		4,519,769		Tanaka	05-28-1985	
		4,528,811		Stahl	07-16-1985	
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		4,631,914		Hines	12-30-1986	
		4,657,009		Zen	04-14-1987	

[illegible]

Examiner Signature	<i>LS Carangelo</i>	Date Considered	<i>10/1/04</i>
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		4,680,927		Cheng	07-21-1987	
		4,716,737		Mandrin	01-05-1988	
		4,731,989		Furuya	03-22-1988	
		4,765,143		Crawford	08-23-1988	
		4,825,650		Hosford	05-02-1989	
		4,841,721		Patton	06-27-1989	
		4,845,940		Beer	07-11-1989	
		4,884,529		Byrnes	12-05-1989	
		4,899,537		Cheng	02-13-1990	
		4,910,008		Fridhon	03-20-1990	
		4,916,904		Ramsaler	04-17-1990	
		4,928,478		Maslak	05-29-1990	
		4,942,734		Markbreiter	07-24-1990	
		4,948,055		Belcher	08-14-1990	
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		4,987,755		DeLong	01-29-1991	
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		5,055,030		Schirmer	10-08-1991	
		5,069,031		Shekleton	12-03-1991	

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		5,088,450		Sternfeld	02-18-1992	
		5,103,630		Correa	04-14-1992	
		5,131,225		Roettger	07-21-1992	
		5,175,994		Fox	01-05-1993	
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		5,247,791		Pak	09-28-1993	
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		5,304,356		Iijima	04-19-1994	
		5,329,758		Urbach	07-19-1994	
		5,353,589		Althaus	10-11-1994	
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		5,364,611		Iijima	11-15-1994	
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		5,417,053		Uji	05-23-1995	
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		RE35,061		Correa	10-17-1995	
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		5,479,781		Fric	01-02-1996	
		5,482,791		Shingai	01-09-1996	

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fernin
				Group Art Unit	3746
				Examiner Name	
Sheet	9	of	16	Attorney Docket Number	.0145.001

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,490,377		Janes	02-13-1996	
		5,491,969		Cohn	02-20-1996	
		5,511,971		Benz	04-30-1996	
		5,535,584		Janes	07-16-1996	
		5,541,014		Micheli	07-30-1996	
		5,557,936		Drnevich	09-24-1996	
		5,572,861		Shao	11-12-1996	
		5,581,997		Janes	12-10-1996	
		5,590,518		Janes	01-07-1997	
		5,590,528		Viteri	01-07-1997	
		5,617,719		Ginter	04-08-1997	
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		5,636,980		Young	06-10-1997	
		5,644,911		Huber	07-08-1997	
		5,678,408		Janes	10-21-1997	
		5,678,647		Wolfe	10-21-1997	
		5,679,134		Brugerolle	10-21-1997	
		5,680,764		Viteri	10-28-1997	
		5,687,560		Janes	11-18-1997	
		5,709,077		Beichel	01-20-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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				Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3746
				Examiner Name	
Sheet	10	of	16	Attorney Docket Number	,0145.001

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Examiner Initials*	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
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		5,724,805		Golomb	03-10-1998	
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		6,528,349		Viteri	02-25-2003	
		6,598,398		Viteri	07-29-2003	
		6,607,854		Rehg	08-19-2003	

[illegible]

Examiner Signature	<i>L. L. Cameron</i>	Date Considered	10/1/04
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				Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3746
				Examiner Name	
Sheet	11	of	16	Attorney Docket Number	,0145,001

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Examiner Signature	<i>L. J. Carney</i>	Date Considered	10/11/04
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
	Application Number	107716,004		
	Filing Date	11/17/2003		
	First Named Inventor	VITERI, Fermin		
	Group Art Unit	3746		
	Examiner Name			
Sheet	12	of	16	Attorney Docket Number
				,0145.001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
L.C.		REINKENHOF, J. et al.; Steam Generation with Modified H2/O2 - Rocket Engines; unknown date	
		STERNFELD, H.; A Hydrogen/Oxygen Steam Generator for the Peak-Load Management of Steam Power Plants; unknown date	
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		YANTOVSKII, E. I.; Computer Exergonomics of Power Plants without Exhaust Gases; Energy Convers. Mgmt.; 1992; pp. 405-412; Vol. 33, No. 5-8; Pergamon Press Ltd.; Great Britain	
V		BOLLAND, O. et al.; New Concepts for Natural Gas Fired Power Plants which Simplify the Recovery of Carbon Dioxide; Energy Convers. Mgmt.; 1992; pp. 467-475; Vol. 33, No. 5-8; Pergamon Press Ltd.; Great Britain	

Examiner Signature		Date Considered	
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Application Number	107716,004			
Filing Date	11/17/2003			
First Named Inventor	VITERI, Fermin			
Group Art Unit	3746			
Examiner Name				
Attorney Docket Number	,0145.001			
Sheet	13	of	16	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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L/C		HENDRIKS, C.A. et al.; Carbon Dioxide Recovery Using a Dual Gas Turbine IGCC Plant; Energy Convers. Mgmt.; 1992; pp. 387-396; Vol. 33, No. 5-8; Pergamon Press Ltd.; Great Britain	
		MERCEA, P. V. et al.; Oxygen Separation from Air by a Combined Pressure Swing Adsorption and Continuous Membrane Column Process; Journal of Membrane Science; 1994; pp. 131-144; Cincinnati, Ohio	
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		ALKAM, M. K. et al.; Methanol and Hydrogen Oxidation Kinetics in Water at Supercritical States; 1995; The University of Iowa; Iowa City, Iowa	
		RICE, I. G.; Steam-Injected Gas Turbine Analysis: Steam Rates; Journal of Engineering for Gas Turbines and Power; April 1995; pp. 347-353; Vol. 117	
		YANTOVSKII, E. I.; A Zero Emission Combustion Power Plant for Enhanced Oil Recovery; Energy; 1995; Vol. 20, No. 8; pp. 823-828	
		KOLP, D. A. et al.; Advantages of Air Conditioning and Supercharging an LM6000 Gas Turbine Inlet; Journal of Engineering for Gas Turbines and Power; July 1995; Vol. 117	
V		EPA Proposes Across-the-Board Phase II NOx Limitations; Air Pollution Regulatory Analysis Service; January 19, 1996; Article No. 96-2	

Examiner Signature	<i>L. J. Casagrande</i>	Date Considered	<i>10/11/04</i>
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Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/716,004	
			Filing Date	11/17/2003	
			First Named Inventor	VITERI, Fermin	
			Group Art Unit	3746	
			Examiner Name		
Sheet	14	of	16	Attorney Docket Number	0145.001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LC		AGAZZANI, A. et al.; An Assessment of the Performance of Closed Cycles with and without Heat Rejection at Cryogenic Temperatures; International Gas Turbine and Aeroengine Congress & Exhibition; June 10-13, 1996; Birmingham, UK	
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V		MATHIEU, P. et al.; Zero-Emission MATIANT Cycle; Transactions of the ASME; January 1999; pp. 116-120, Vol. 121	

Examiner Signature	<i>L. J. Caporaso</i>	Date Considered	10/11/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/716,004	
			Filing Date	11/17/2003	
			First Named Inventor	VITERI, Fernin	
			Group Art Unit	3746	
			Examiner Name		
Sheet	15	of	16	Attorney Docket Number	0145.001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LC		Norwegian Idea for CO ₂ -Free Power Generation; Greenhouse Issues; March 1999	
		AKER MARITIME; HiOx Gas Fired Power Plants without Atmospheric Emissions; June 1999	
		TURKENBURG, W. C. et al.; Fossil Fuels in a Sustainable Energy Supply: The Significance of CO ₂ Removal; A Memorandum at the Request of the Ministry of Economic Affairs the Hague; June 1999; pp. 1-26; Utrecht	
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Y		HENDRIKS, C.A. et al.; Costs of Carbon Dioxide Removal by Underground Storage; 5th International Conference on Greenhouse Gas Control Technologies (GHGT-5); August 2000; Cairns, Australia	

Examiner Signature	<i>L. J. Canisale</i>	Date Considered	10/1/04
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